

# EPD Requirements/Info. – Beef Producers

## FY 09/10 TAEP Cattle Genetics Program – Beef EPD Requirements by Breed

To Qualify: A bull must meet or exceed the requirements in **2 of the 3** categories.

BREED	Categories					
	<u>1.) BIRTH WEIGHT</u>		<u>2.) GROWTH</u>		<u>3.) MATERNAL</u>	
	Maximum	Minimum	Minimum	Minimum	Minimum	Maximum
	<u>BW</u>	<i>or</i> <u>CE</u>	<u>WW</u>	<i>or</i> <u>YW</u>	<u>MILK</u>	<u>MILK</u>
ANGUS	2.6	4	42	78	18	31
BEEFMASTER	0.8		5	10	1	13
BRAHMAN	2.2		11.8	19.7	5	13.7
BRANGUS/ULTRABLACK	0.9		19.5	36.5	5.5	20.6
BRAUNVIEH	0.2		2	4	1	33
CHAROLAIS	1.2	106	20.6	35.9	5.5	18.2
CHIANINA	1.7		42.6	77.4	8.9	22.4
GELB-BALANCER	0.4	103	33	71	16	26
GELBVIEH	1.8	103	39	71	16	25
HEREFORD	4	-0.6	40	65	16	30
LIM-FLEX	0.8	7	43	84	24.5	38
LIMOUSIN	2.2	6	41	75	20	34
MAIN TAINERS	2.26		31.4	64.8	17.5	29.5
MAINE ANJOU	2.36		38.3	75.8	19.2	29.7
RED ANGUS	0.9	5	30	53	15	28
SALERS	1.3	0	15	26	7	21
SANTA GERTRUDIS	0.7		3	4	-1	8
SHORTHORN	2.3	-0.4	12	19	2	9
SIMM HYBRID	0.3		25	48	0.9	13.5
SIMMENTAL	1.7	5.8	30.5	54.3	2.1	14.3
SOUTH DEVON	3		37	72	20	33

- All bulls must have individual EPD's assigned by their breed association.
- Only bulls from breeds listed above will be considered for cost share reimbursement.
- Producers need to consider all traits when choosing a bull or semen to purchase including the need to keep replacement heifers, available inputs and management factors.
- Producers should **note:** Bulls that qualify for the Growth & Milk categories, but have high Birth Weight EPD's (and/or low Calving Ease EPD's) **should not** be used on heifers. This could lead to calving difficulty and mortality.

## Explanation of Categories:

### 1.) BIRTH WEIGHT:

**Birth Weight (BW)** EPD's *lower than* the maximum are acceptable.

ex.: An Angus bull with a BW of 2.5 is acceptable because it falls **below 2.6**.

**Calving Ease (CE)** EPD's *greater than* the minimum are acceptable.

ex.: An Angus bull with a CE of 5 is acceptable because it **exceeds 4**.

Bulls qualifying for both BW & CE count as only 1 category qualifier.

### 2.) GROWTH:

**Weaning Weight (WW)** EPD's *greater than* the minimum are acceptable.

ex.: An Angus bull with a WW of 43 is acceptable because it **exceeds 42**.

**Yearling Weight (YW)** EPD's *greater than* the minimum are acceptable.

ex.: An Angus bull with a YW of 80 is acceptable because it **exceeds 78**.

Bulls qualifying for both WW & YW count as only 1 category qualifier.

### 3.) MATERNAL:

**MILK** EPD's *must be within the min/max range to qualify in this category*.

ex.: An Angus bull with a Milk of 25 is acceptable because it falls **between 18 - 31**.

ex.: An Angus bull with a Milk of 33 is **not** acceptable because it **exceeds 31**.

ex.: An Angus bull with a Milk of 16 is **not** acceptable because it falls **below 18**.